

AMENDMENTS TO THE SPECIFICATION:

Please add the following paragraph after line 20 on page 6 of the specification.

FIG. 9 is an exploded view of a biosensor strip according to another embodiment of the invention.

Please replace the paragraph beginning at line 23 on page 15 of the specification with the following:

Flow by way of capillary force can be achieved by using a biosensor strip configuration of the type shown in FIG. 2. In the biosensor strip 10' shown in FIG. 2, the components represented by reference numerals 11, 12a, 12b, 12c, 14a, 14b, 14c, 16, ~~168~~ 18, 20, 22a, 22b, 22c can be identical to those described previously, with respect to FIG. 1. The embodiment of the biosensor strip 10' shown in FIG. 2 employs a cover layer 40 and a spacer layer 42, such as, for example, a layer of adhesive, between the electrode support 11 and the cover layer 40 of the biosensor strip 10'. The adhesive can be a pressure sensitive adhesive. Pressure sensitive adhesives suitable for forming the spacer layer are commercially available and well known to one of ordinary skill in the art. The cover layer 40 does not have an aperture. The spacer layer 42 has a slot 44 that provides the boundary of the reaction zone, in a manner somewhat analogous to the function of the opening 26 in providing the boundary for the reaction of the biosensor strip 10. The biosensor strip 10' does not have a mesh layer. The liquid sample enters the biosensor strip 10' via an opening 46 formed at one end of the slot 44 at one end of the biosensor strip 10'. The liquid sample is introduced at the opening 46 and reaches and traverses the reaction zone by means of the action of capillary force. In the embodiments that employ a cover layer 40, the cover layer 40 can be made from the same type of material that is suitable for making the electrode support 11.

Please replace the paragraph beginning at line 10 on page 16 of the specification with the following:

In the embodiment of the biosensor strip 10' shown in FIG. 2 9, the electrodes 16, 18, and 20 need not all be applied to the electrode support 11. At least one of the electrodes should be applied to the electrode support 11. However, at least one of the two remaining electrodes can be applied to the cover layer 40, in which case, the electrode or electrodes applied to the cover layer 42 would be between the cover layer 40 and the spacer layer 42. The only requirement is that the sample should be able to contact all three electrodes in the reaction zone.